## AMENDMENT TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the Application. Please amend the claims as follows:

**Listing of Claims:**

1.-26. (Canceled)

27. (Currently Amended) An endoprosthesis ~~prosthetic deviceendoprosthesis~~ for soft tissue augmentation consisting essentially of a polymer hydrogel, said polymer hydrogel comprising less than 50 ppm ~~monomeric units~~monomers of acrylamide and N,N'-methylene bis-acrylamide, at least 95% by weight pyrogen-free water or a saline solution and at least 0.5% by weight polyacrylamide and less than 3.5% by weight polyacrylamide, based on the total weight of the polymer hydrogel, wherein said ~~prosthetic device~~endoprosthesis has a complex viscosity of about 2 to 100 Pas, wherein said polyacrylamide consists essentially of a cross-linked polymerized acrylamide, wherein the crosslinking consists essentially of the use of N,N'-methylene bis-acrylamide as a cross-linker and wherein the device is injectable into soft tissue.

28. (Canceled)

29. (Currently Amended) The ~~prosthetic device~~endoprosthesis~~endoprosthesis~~ according to claim 27, wherein the polymer hydrogel comprises about 1.9 to 2.9% by weight polyacrylamide, based on the total weight of the polymer hydrogel.

30. (Canceled)

31. (Currently Amended) The ~~prosthetic device~~endoprosthesis according to claim 27, wherein the polymer hydrogel further comprises cells for cellular engraftment to the surrounding tissue.

32. (Currently Amended) The ~~prosthetic device~~endoprosthesis according to claim 31, wherein the cells are stem cells.

33. (Currently Amended) The ~~prosthetic device~~endoprosthesis according to claim 27, wherein the polymer hydrogel comprises at least 1.5% and less than 3.5% by weight polyacrylamide, based on the total weight of the polymer hydrogel.

34. (Canceled)

35. (Currently Amended) The ~~prosthetic device~~endoprosthesis according to claim 27 for at least one of cosmetic surgery of the face, reconstructive surgery of the face, body contouring, augmentation of the lips or reconstructive surgery of the lips.

36. (Currently Amended) The ~~prosthetic device~~endoprosthesis according to claim 35 for cosmetic or reconstructive surgery of the face having a complex viscosity of about 2 to 20 Pas.

37. (Currently Amended) The ~~prosthetic device~~endoprosthesis according to claim 35 for body contouring having a complex viscosity of about 5 to 50 Pas.

38. (Currently Amended) The ~~prosthetic device~~endoprosthesis according to claim 35 for augmentation or reconstructive surgery of the lips having a complex viscosity of about 2 to 10 Pas.

39. (Currently Amended) The ~~prosthetic device~~endoprosthesis according to claim 27 for use in correction of facial contour deformities due to at least one of aging, acne, trauma, surgery, infection or congenital deformities.

40. (Currently Amended) The ~~prosthetic device~~endoprosthesis according to claim 39 wherein the correction of facial contour deformities is selected from the group consisting of at least one of a correction of the cheekbones, a correction of nasolabial folds, a correction of glabellar frowns, a correction of depressed contours of the mouth, a correction to the chin, a correction to size of the lips, a correction to shape of the lips, and a correction to other soft tissue deficiencies of the face.

41. – 43. (Canceled)

44. (Currently Amended) The ~~prosthetic device~~endoprosthesis of claim 27 wherein the polymer hydrogel comprises less than 40 ppm monomeric units.

45. – 47. (Canceled)

48. (Currently Amended) The ~~prosthetic device~~endoprosthesis of claim 27 wherein the polymer hydrogel comprises less than 20 ppm monomeric units.

49. (Currently Amended) The ~~prosthetic device~~endoprosthesis according to claim 27, wherein said polyacrylamide is made by a method ~~further~~ comprising washing with pyrogen-free water or a saline solution after the acrylamide is polymerized.

50. (Currently Amended) The ~~prosthetic device~~endoprosthesis according to claim 27, wherein said ~~prosthetic device~~endoprosthesis is stored in a syringe.

51. (Currently Amended) The ~~prosthetic device~~endoprosthesis according to claim 50, wherein said syringe has a volume selected from the group consisting of 0.5 mL, 0.7 mL, 1.0 ml, 1.5 mL, 2.0 mL, 2.5 mL, 5.0 mL, 7.5 mL, 10 mL, 12.5 mL, 15 mL, 20 mL, and 25 mL.

52. (Currently Amended) A method for soft tissue augmentation comprising administering to an area in need thereof an ~~prosthetic device~~endoprosthesis consisting essentially of a polymer hydrogel, said polymer hydrogel comprising less than 50 ppm monomers of acrylamide and N,N'-methylene bis-acrylamide~~monomeric units~~, at least 95% by weight pyrogen-free water or a saline solution and at least 0.5% by weight polyacrylamide and less than 3.5% by weight polyacrylamide, based on the total weight of the polymer hydrogel, wherein said ~~prosthetic device~~endoprosthesis has a complex viscosity of about 2 to 100 Pas, wherein said polyacrylamide consists essentially of a crosslinked polymerized acrylamide, wherein the crosslinking consists essentially of the use of methylene bis-acrylamide as a cross-linker and wherein the device is injectable into the soft tissue.

53. (Canceled)

54. (Previously presented) The method according to claim 52, wherein the polymer hydrogel comprises about 1.9 to 2.9% by weight polyacrylamide, based on the total weight of the polymer hydrogel.

55. (Canceled)

56. (Previously presented) The method according to claim 52, wherein the polymer hydrogel further comprises cells for cellular engraftment to the surrounding tissue.

57. (Previously presented) The method according to claim 56, wherein the cells are stem cells.

58. (Currently Amended) The method according to claim 52, wherein the polymer hydrogel comprises at least 1.5% and less than 3.5% by weight polyacrylamide, based on the total weight of the polymer hydrogel.

59. (Previously presented) The method according to claim 52, wherein the soft tissue augmentation is selected from the group consisting of at least one of cosmetic surgery of the face, reconstructive surgery of the face, body contouring, augmentation of the lips and reconstructive surgery of the lips.

60. (Currently Amended) The method according to claim 59, wherein the soft tissue augmentation is cosmetic or reconstructive surgery of the face and wherein the ~~prosthetic device~~endoprosthesis has a complex viscosity of about 2 to 20 Pas.

61. (Currently Amended) The method according to claim 59, wherein the soft tissue augmentation is body contouring and the ~~prosthetic device~~endoprosthesis has a complex viscosity of about 5 to 50 Pas.

62. (Currently Amended) The method according to claim 59, wherein the soft tissue augmentation is augmentation or reconstructive surgery of the lips and the ~~prosthetic device~~endoprosthesis has a complex viscosity of about 2 to 10 Pas.

63. (Previously presented) The method according to claim 52, wherein the soft tissue augmentation is correction of facial contour deformities due to at least one of aging, acne, trauma, surgery, infection or congenital deformities.

64. (Previously presented) The method according to claim 63, wherein the correction of facial contour deformities is selected from the group consisting of at least one of a correction of the cheekbones, a correction of nasolabial folds, a correction of glabellar frowns, a correction of depressed contours of the mouth, a correction to the chin, a correction to size of the lips, a correction to shape of the lips, and a correction to other soft tissue deficiencies of the face.

65. – 66. (Canceled)

67. (Previously presented) The method according to claim 52, wherein the polymer hydrogel comprises less than 40 ppm monomeric units.

68. – 70. (Canceled)

71. (Previously presented) The method according to claim 52, wherein the polymer hydrogel comprises less than 20 ppm monomeric units.

72. (Currently Amended) The method according to claim 52, wherein said polyacrylamide is made by a method ~~further~~ comprising washing with pyrogen-free water or a saline solution after the acrylamide is polymerized.

73. (Currently Amended) The method according to claim 52, wherein said ~~prosthetic device~~endoprosthesis is stored in a syringe.

74. (Previously presented) The method according to claim 73, wherein said syringe has a volume selected from the group consisting of 0.5 mL, 0.7 mL, 1.0 ml, 1.5 mL, 2.0 mL, 2.5 mL, 5.0 mL, 7.5 mL, 10 mL, 12.5 mL, 15 mL, 20 mL, and 25 mL.

75. (Currently Amended) The ~~prosthetic device~~endoprosthesis of claim 27, wherein the polymer hydrogel consists essentially of the formula $(C_3H_5NO)_x(C_7H_{10}N_2O_2)_y$, wherein x and y are such that to be in a ratio of 150 – 1000 to 1.~~.~~

76. (Currently Amended) The method according to claim 52, wherein the polymer hydrogel consists essentially of the formula $(C_3H_5NO)_x(C_7H_{10}N_2O_2)_y$, wherein x and y are such that to be in a ratio of 150 – 1000 to 1.~~.~~